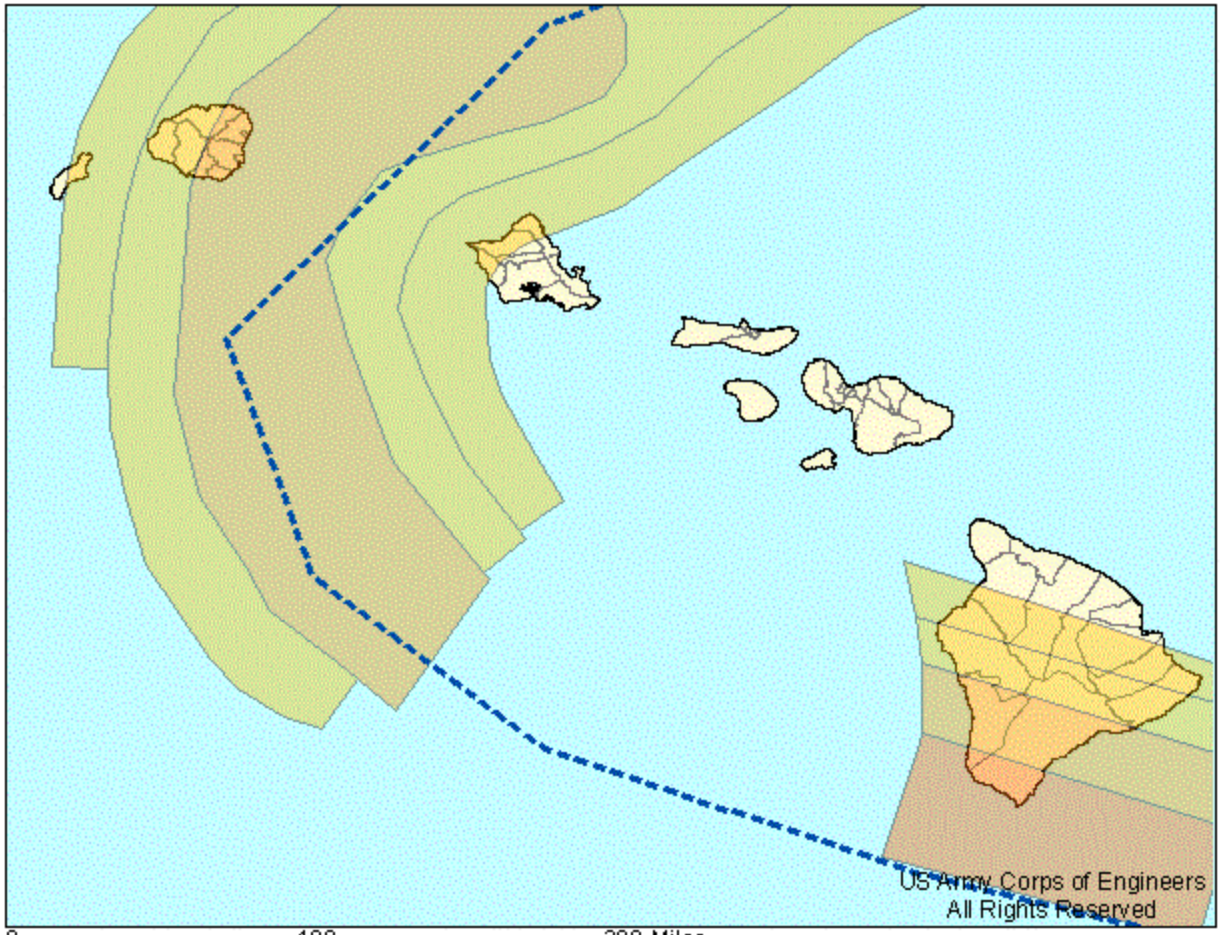
US Army Corps of Engineers

Hurricane Makani Projected Damage Areas

Landfall Expected In About **10** Hours

For Planning Purposes Only!



Post Landfall Projected Damage Areas

This model is based on a Category 3 storm making landfall near Hawaii and Kauai.

Forecast Track

Projected Damage Areas

- CAT 0-type damage
- CAT 1-type damage
- CAT 2-type damage
- CAT 3-type damage
- CAT 4-type damage
- CAT 5-type damage

Information provided on this page displays a Category 3 storm making landfall near Hawaii and Kauai. These projections are based on information from the CPHC (0500 HST 05/21/2008) forecast.

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

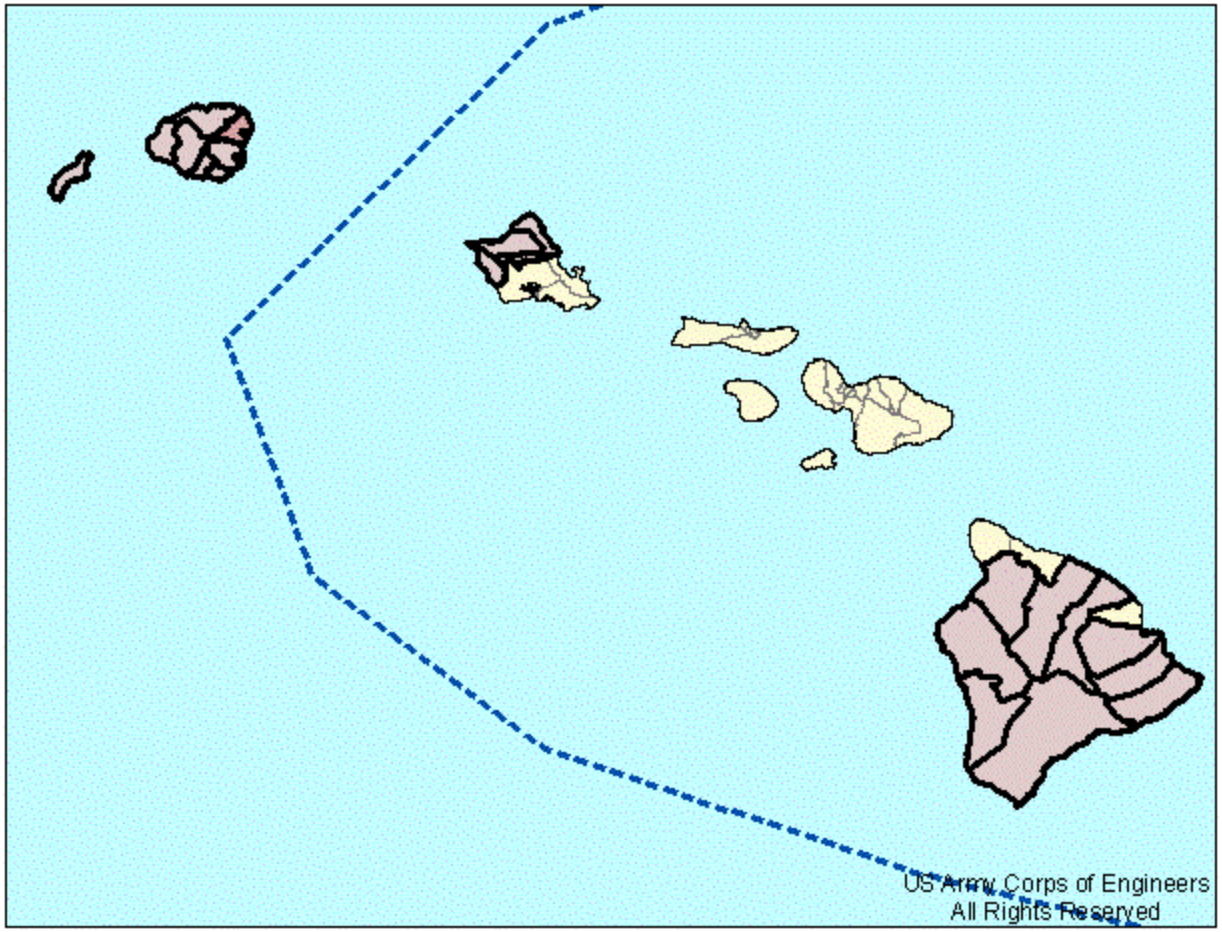
Hurricane Makani Projected Damage Areas	
Generated By: Siemsen, LRL 0510 HST 05/21/2008	
Sources: HURREVAC LRL-DEBRIS	Page 1 of 21

US Army Corps of Engineers

Hurricane Makani Debris Model

Landfall Expected In About **10** Hours

For Planning Purposes Only!



Post Landfall Debris Model Results

HAWAII - 901,000 Yards

Model results per Geographic Unit on following page

This model is based on a Category 3 storm making landfall near Hawaii and Kauai.

Forecast Track

Debris

- < 100,000 cubic yards
- 100,000 - 249,999 cubic yards
- 250,000 - 499,999 cubic yards
- 500,000 - 999,999 cubic yards
- >1,000,000 cubic yards

Information provided on this page displays a Category 3 storm making landfall near Hawaii and Kauai. These projections are based on information from the CPHC (0500 HST 05/21/2008) forecast. The amount of debris forecasted is possible total volume, not necessarily the volume that may need to be removed with Federal funds, but does not include volume that may be covered by private insurance. Debris volume may include storm surge generated debris.

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane Makani Debris Model	
Generated By: Siemsen, LRL 0510 HST 05/21/2008	
Sources: HURREVAC LRL-DEBRIS	

US Army Corps of Engineers

Hurricane Makani Debris Model

Landfall Expected In About **10** Hours

For Planning Purposes Only!

Island	Yards per Island	Geographic Unit	Yards per Geographic Unit
HAWAII		HAMAKUA - SOUTH	3,000
		KAU	60,000
		NORTH HILO	3,000
		NORTH KONA	95,000
		PUNA - NORTH	44,000
		PUNA - SOUTH	24,000
		SOUTH HILO - 1	50,000
		SOUTH KOHALA	10,000
		SOUTH KONA	68,000
HAWAII	357,000		
KAUAI		HANALEI	41,000
		KAWAIHAU - EAST	76,000
		KAWAIHAU - WEST	107,000
		KOLOA - EAST	50,000
		KOLOA - WEST	66,000
		LIHUE - EAST	51,000
		LIHUE - WEST	55,000
		WAIMEA - EAST	12,000
		WAIMEA - WEST	15,000
KAUAI	473,000		
NIIHAU		NIHAU	< 1,000
NIIHAU			
OAHU		KOOLAULOA	16,000
		WAHIAWA	2,000
		WAIALUA	17,000
		WAIANAE	36,000
OAHU	71,000		

The amount of debris forecasted is possible total volume, not necessarily the volume that may need to be removed with Federal funds, but does not include volume that may be covered by private insurance. Debris volume may include storm surge generated debris.

Details about this model may be obtained at http://www.englink.usace.army.mil
or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Source: US Army Corps of Engineers, All Rights Reserved

Hurricane Makani Debris Model

Generated By:
Siemsen, LRL 0510 HST 05/21/2008

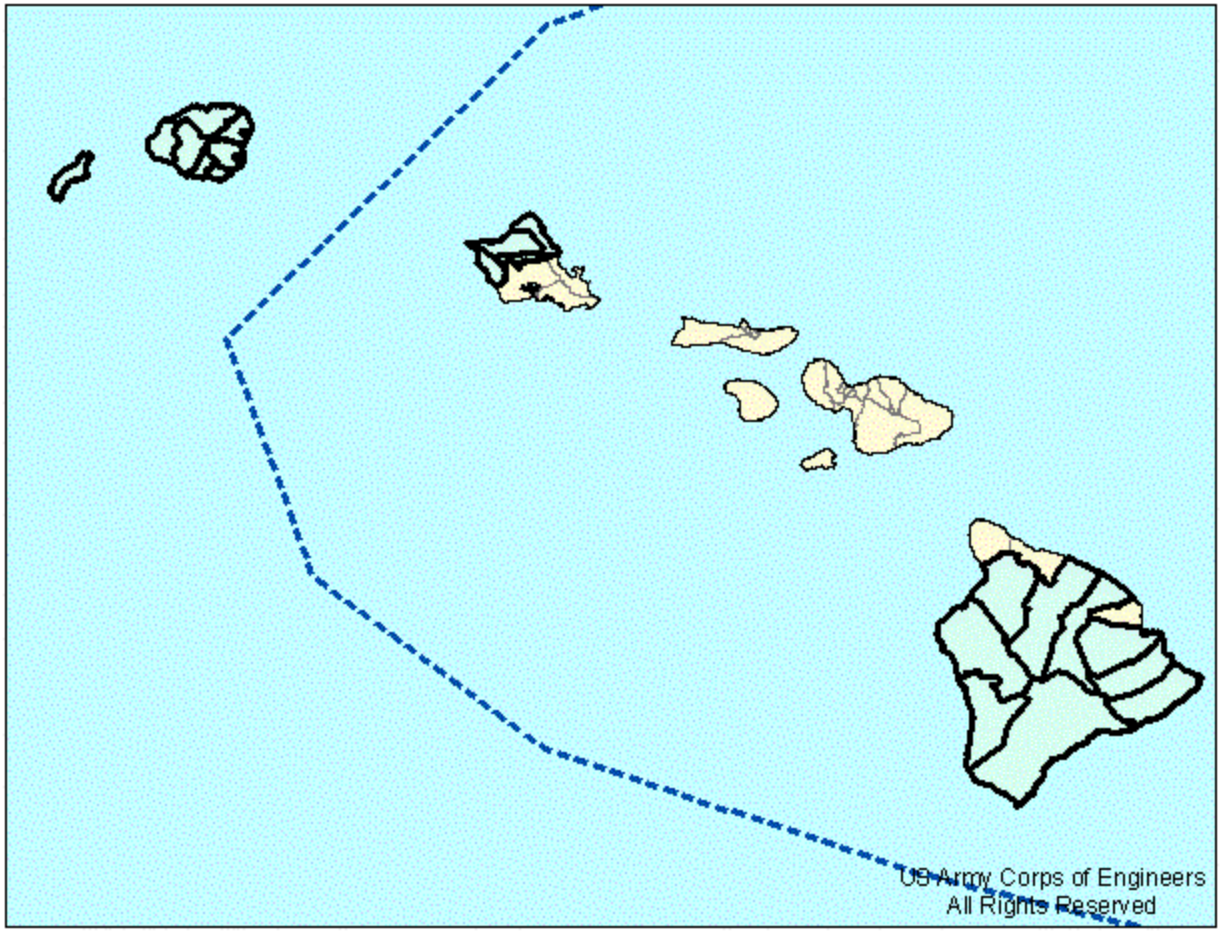
Sources:
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

Hurricane Makani Commodities Model

Landfall Expected In About **10** Hours

For Planning Purposes Only!



Post Landfall Water Model Results

Day One / Day Two / Day Three
HAWAII – 8/15/30 Truckloads

Model results per Geographic Unit on following page

This model is based on a Category 3 storm making landfall near Hawaii and Kauai.

Forecast Track

Commodities

- < 5 Trucks Each
- 5 - 10 Trucks Each
- 11 - 20 Trucks Each
- 21 - 40 Trucks Each
- > 40 Trucks Each

Information provided on this page displays a Category 3 storm making landfall near Hawaii and Kauai. These projections are based on information from the CPHC ***(0500 HST 05/21/2008)*** forecast. The amount of commodities forecasted is based on Mission Guide Book requirements and SME input. The graphic represents single day needs with full distribution system in place and operating.

Details about this model may be obtained at http://www.englink.usace.army.mil
or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane Makani Commodities Model	
Generated By: Siemsen, LRL 0510 HST 05/21/2008	
Sources: HURREVAC LRL-DEBRIS	Page 4 of 21

US Army Corps of Engineers

Hurricane Makani Commodities Model

Landfall Expected In About **10** Hours

For Planning Purposes Only!

Island	Truckloads per Island	Geographic Unit	Truckloads per Geographic Unit
HAWAII		HAMAKUA - SOUTH	1
		KAU	1
		NORTH HILO	1
		NORTH KONA	3
		PUNA - NORTH	2
		PUNA - SOUTH	1
		SOUTH HILO - 1	3
		SOUTH KOHALA	1
		SOUTH KONA	1
HAWAII	14		
KAUAI		HANALEI	1
		KAWAIHAU - EAST	1
		KAWAIHAU - WEST	1
		KOLOA - EAST	1
		KOLOA - WEST	1
		LIHUE - EAST	1
		LIHUE - WEST	1
		WAIMEA - EAST	1
		WAIMEA - WEST	1
KAUAI	9		
NIIHAU		NIHAU	1
NIIHAU	1		
OAHU		KOOLAULOA	1
		WAHIAWA	1
		WAIALUA	1
		WAIANAE	3
OAHU	6		

The amount of commodities forecasted is based on Mission Guide Book requirements and SME input and the above table indicates suggested needs based on phased deployment of a commodities distribution system.

Details about this model may be obtained at http://www.englink.usace.army.mil
or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Source: US Army Corps of Engineers, All Rights Reserved

Hurricane Makani Commodities Model

Generated By:
Siemsen, LRL 0510 HST 05/21/2008

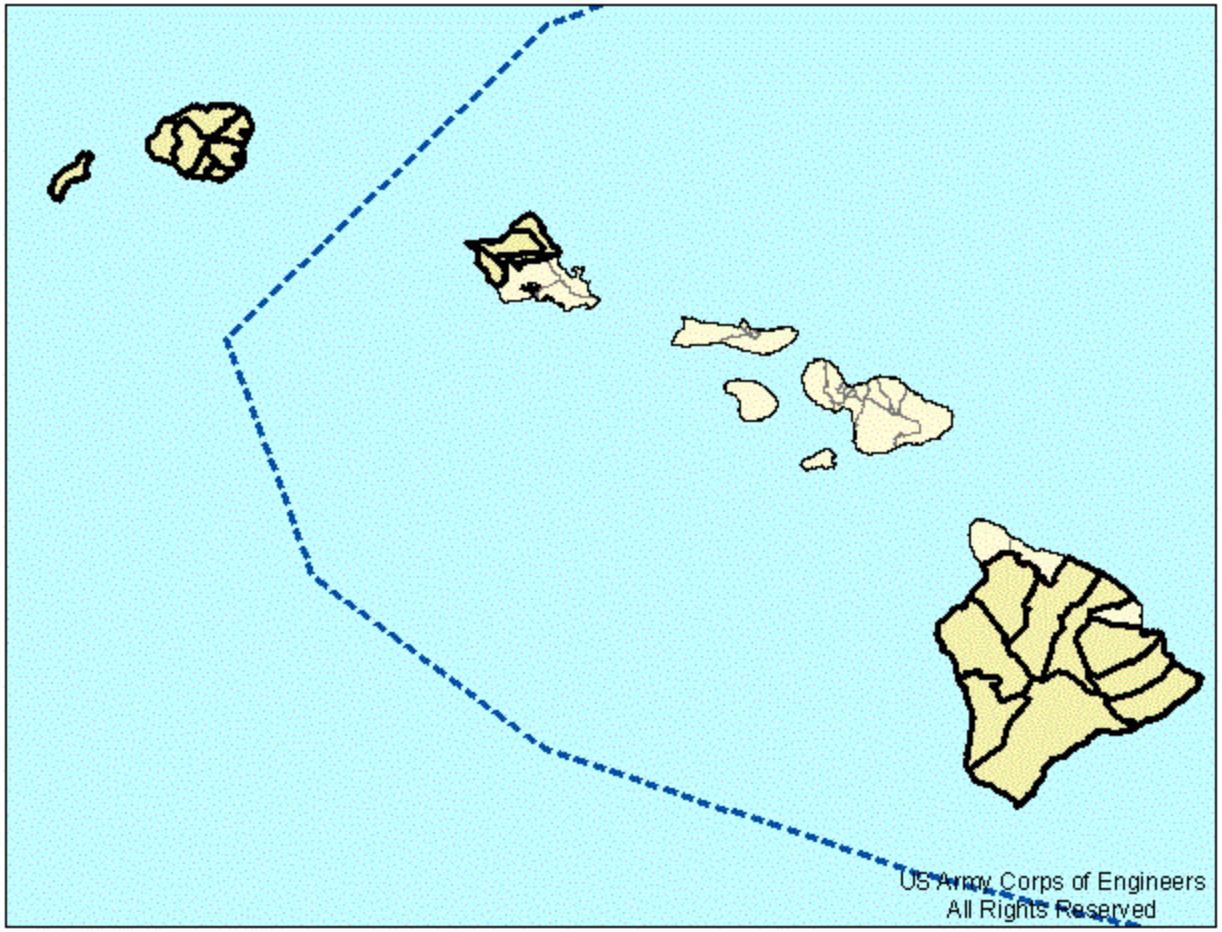
Sources:
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

Hurricane Makani Temporary Roofing Model

Landfall Expected In About **10** Hours

For Planning Purposes Only!



Post Landfall Temporary Roofing Model Results

HAWAII - 4,600

Model results per Geographic Unit on following page

This model is based on a Category 3 storm making landfall near Hawaii and Kauai.

Forecast Track

Temporary Roofing

- < 2,000 units
- 2,000 - 3,999 units
- 4,000 - 5,999 units
- 6,000 - 9,999 units
- > 10,000 units

Information provided on this page displays a Category 3 storm making landfall near Hawaii and Kauai. These projections are based on information from the CPHC (0500 HST 05/21/2008) forecast. Temporary roofing is based on 4% in CAT 1, 7% in CAT 2 and 14% in CAT 3.

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane Makani Roofing Model	
Generated By: Siemsen, LRL 0510 HST 05/21/2008	
Sources: HURREVAC LRL-DEBRIS	Page 6 of 21

US Army Corps of Engineers

Hurricane Makani Temporary Roofing Model

Landfall Expected In About **10** Hours

For Planning Purposes Only!

Island	House Units per Island	Geographic Unit	House Units per Geographic Unit
HAWAII		HAMAKUA - SOUTH	< 100
		KAU	200
		NORTH HILO	< 100
		NORTH KONA	500
		PUNA - NORTH	400
		PUNA - SOUTH	200
		SOUTH HILO - 1	500
		SOUTH KOHALA	200
		SOUTH KONA	300
HAWAII	2,300		
KAUAI		HANALEI	200
		KAWAIHAU - EAST	200
		KAWAIHAU - WEST	300
		KOLOA - EAST	200
		KOLOA - WEST	200
		LIHUE - EAST	200
		LIHUE - WEST	200
		WAIMEA - EAST	< 100
		WAIMEA - WEST	< 100
KAUAI	1,500		
NIIHAU		NIHAU	< 100
NIIHAU			
OAHU		KOOLAULOA	200
		WAHIAWA	< 100
		WAIALUA	200
		WAIANAE	400
OAHU	800		

Temporary roofing is based on 4% in CAT 1, 7% in CAT 2 and 14% in CAT 3.

Details about this model may be obtained at http://www.englink.usace.army.mil
or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Source: US Army Corps of Engineers, All Rights Reserved

Hurricane Makani Roofing Model

Generated By:
Siemsen, LRL 0510 HST 05/21/2008

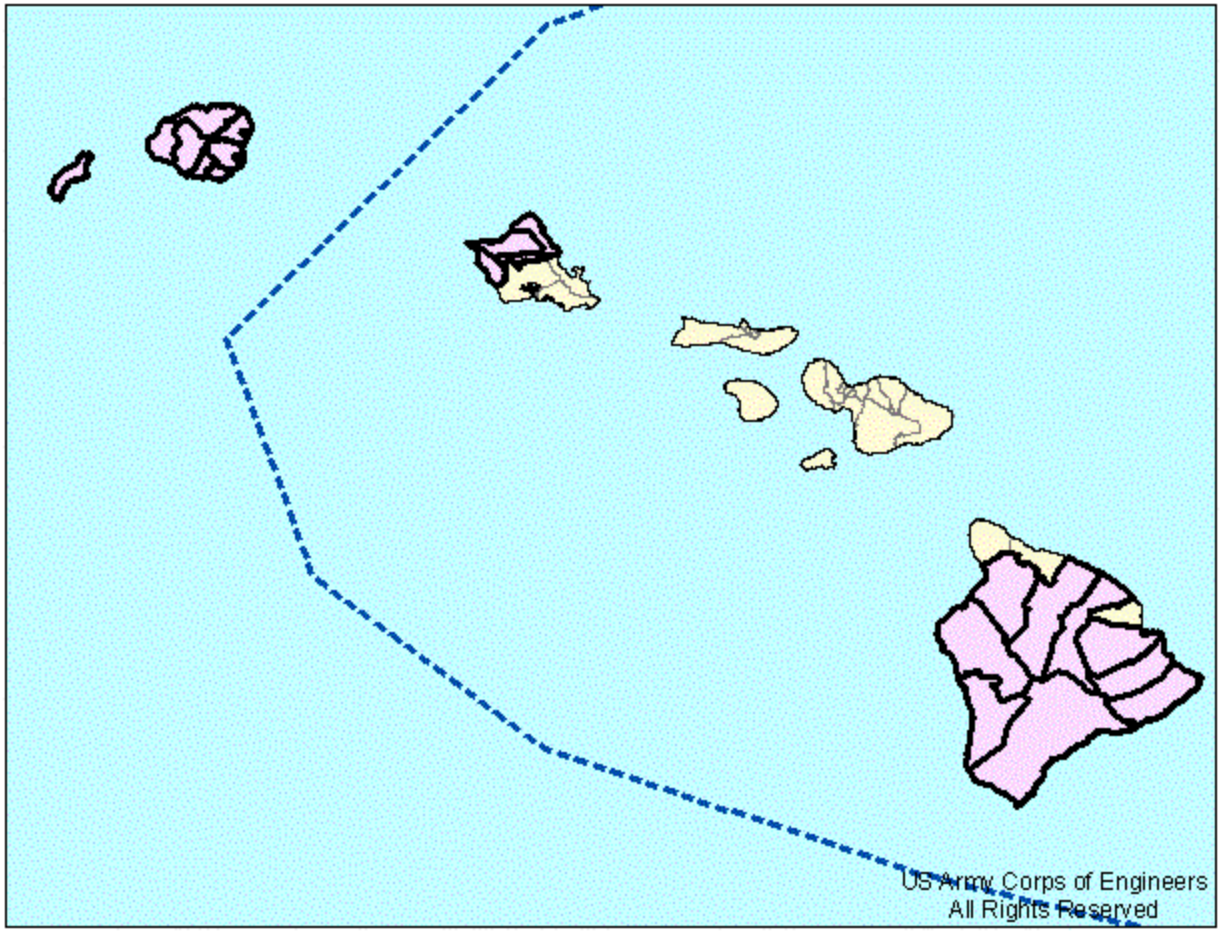
Sources:
HURREVAC
LRL-DEBRIS

Hurricane Makani Temporary Housing Model

US Army Corps of Engineers

Landfall Expected In About **10** Hours

For Planning Purposes Only!



Post Landfall Temporary Housing Model Results

HAWAII - 700

Model results per Geographic Unit on following page

This model is based on a Category 3 storm making landfall near Hawaii and Kauai.

Forecast Track

Temporary Housing

- < 2,000 units
- 2,000 - 3,999 units
- 4,000 - 5,999 units
- 6,000 - 9,999 units
- > 10,000 units

Information provided on this page displays a Category 3 storm making landfall near Hawaii and Kauai. These projections are based on information from the CPHC (0500 HST 05/21/2008) forecast. Temporary housing is based on 1% in CAT 1, 3% in CAT 2 and 6% in CAT 3.

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane Makani Housing Model	
Generated By: Siemsen, LRL 0510 HST 05/21/2008	
Sources: HURREVAC LRL-DEBRIS	Page 8 of 21

US Army Corps of Engineers

Hurricane Makani Temporary Housing Model

Landfall Expected In About 10 Hours

For Planning Purposes Only!

Island	House Units per Island	Geographic Unit	House Units per Geographic Unit
HAWAII		HAMAKUA - SOUTH	< 100
		KAU	< 100
		NORTH HILO	< 100
		NORTH KONA	200
		PUNA - NORTH	< 100
		PUNA - SOUTH	< 100
		SOUTH HILO - 1	200
		SOUTH KOHALA	< 100
		SOUTH KONA	100
HAWAII	500		
KAUAI		HANALEI	< 100
		KAWAIHAU - EAST	< 100
		KAWAIHAU - WEST	200
		KOLOA - EAST	< 100
		KOLOA - WEST	< 100
		LIHUE - EAST	< 100
		LIHUE - WEST	< 100
		WAIMEA - EAST	< 100
		WAIMEA - WEST	< 100
KAUAI	200		
NIIHAU		NIHAU	< 100
NIIHAU			
OAHU		KOOLAULOA	< 100
		WAHIAWA	< 100
		WAIALUA	< 100
		WAIANAE	< 100
OAHU			

Temporary housing is based on 1% in CAT 1, 3% in CAT 2 and 6% in CAT 3.

Details about this model may be obtained at http://www.englink.usace.army.mil
or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Source: US Army Corps of Engineers, All Rights Reserved

Hurricane Makani Housing Model

Generated By:
Siemsen, LRL 0510 HST 05/21/2008

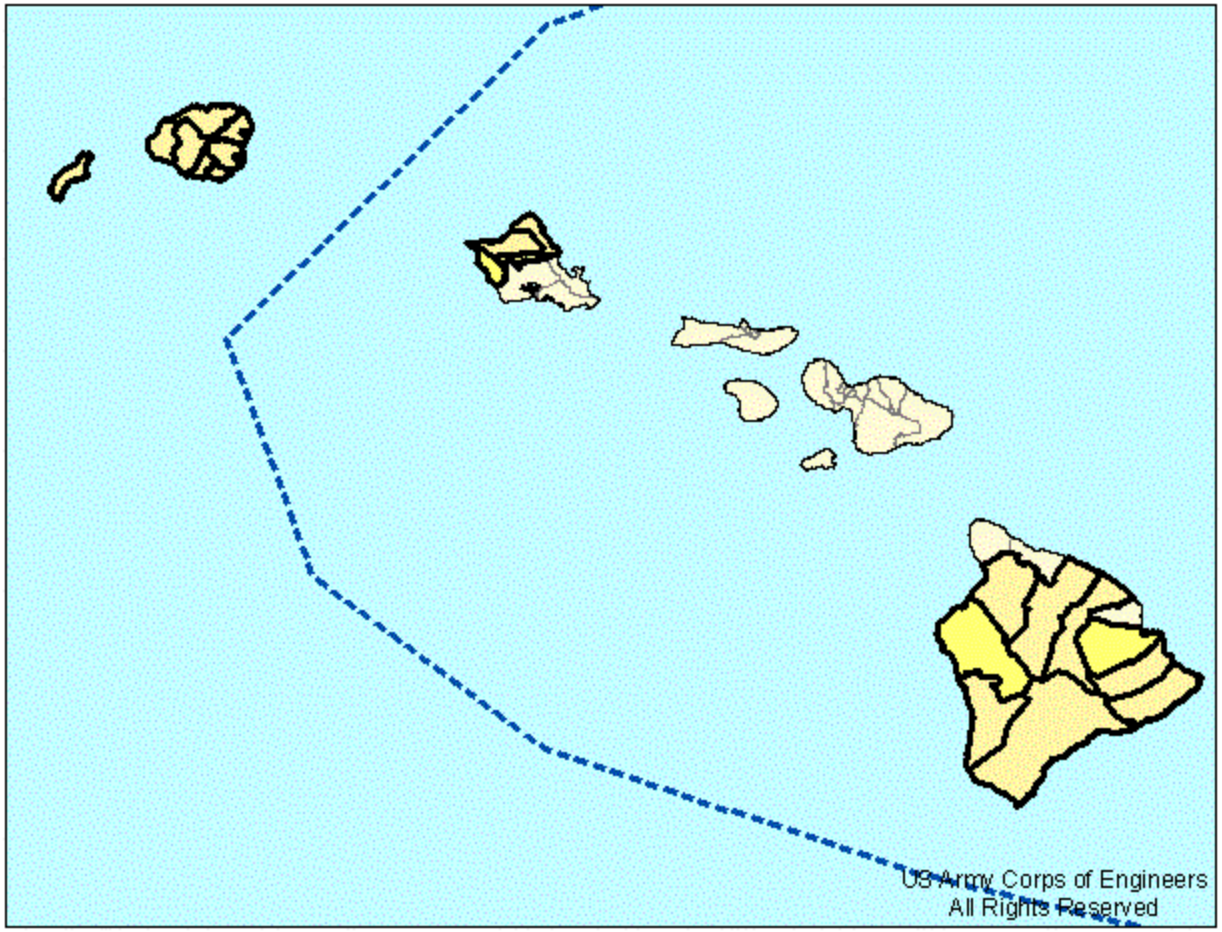
Sources:
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

Hurricane Makani Population Model

Landfall Expected In About **10** Hours

For Planning Purposes Only!



Post Landfall Population Model Results

HAWAII - 256,000

Model results per Geographic Unit on following page

This model is based on a Category 3 storm making landfall near Hawaii and Kauai.

Forecast Track

Population

- < 25,000 persons
- 25,000 - 99,999 persons
- 100,000 - 174,999 persons
- 175,000 - 249,999 persons
- > 250,000 persons

Information provided on this page displays a Category 3 storm making landfall near Hawaii and Kauai. These projections are based on information from the CPHC (0500 HST 05/21/2008) forecast. The numbers of persons included in this model output are those that would be included within estimated hurricane force winds (Census 2000 values adjusted to July 2006 values).

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane Makani Population Model	
Generated By: Siemsen, LRL 0510 HST 05/21/2008	
Sources: HURREVAC LRL-DEBRIS	Page 10 of 21

US Army Corps of Engineers

Hurricane Makani Population Model

Landfall Expected In About **10** Hours

For Planning Purposes Only!

Island	Population per Island	Geographic Unit	Population per Geographic Unit
HAWAII		HAMAKUA - SOUTH	2,000
		KAU	7,000
		NORTH HILO	2,000
		NORTH KONA	33,000
		PUNA - NORTH	25,000
		PUNA - SOUTH	10,000
		SOUTH HILO - 1	32,000
		SOUTH KOHALA	8,000
		SOUTH KONA	10,000
HAWAII	129,000		
KAUAI		HANALEI	7,000
		KAWAIHAU - EAST	9,000
		KAWAIHAU - WEST	12,000
		KOLOA - EAST	6,000
		KOLOA - WEST	8,000
		LIHUE - EAST	6,000
		LIHUE - WEST	8,000
		WAIMEA - EAST	4,000
		WAIMEA - WEST	6,000
KAUAI	66,000		
NIIHAU		NIHAU	< 1,000
NIIHAU			
OAHU		KOOLAULOA	14,000
		WAHIAWA	3,000
		WAIALUA	13,000
		WAIANAE	31,000
OAHU	61,000		

The number of persons estimated to be within the hurricane force winds comes from Census 2000 values adjusted to July 2006 values.

Details about this model may be obtained at http://www.englink.usace.army.mil
or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

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Hurricane Makani Population Model

Generated By:
Siemsen, LRL 0510 HST 05/21/2008

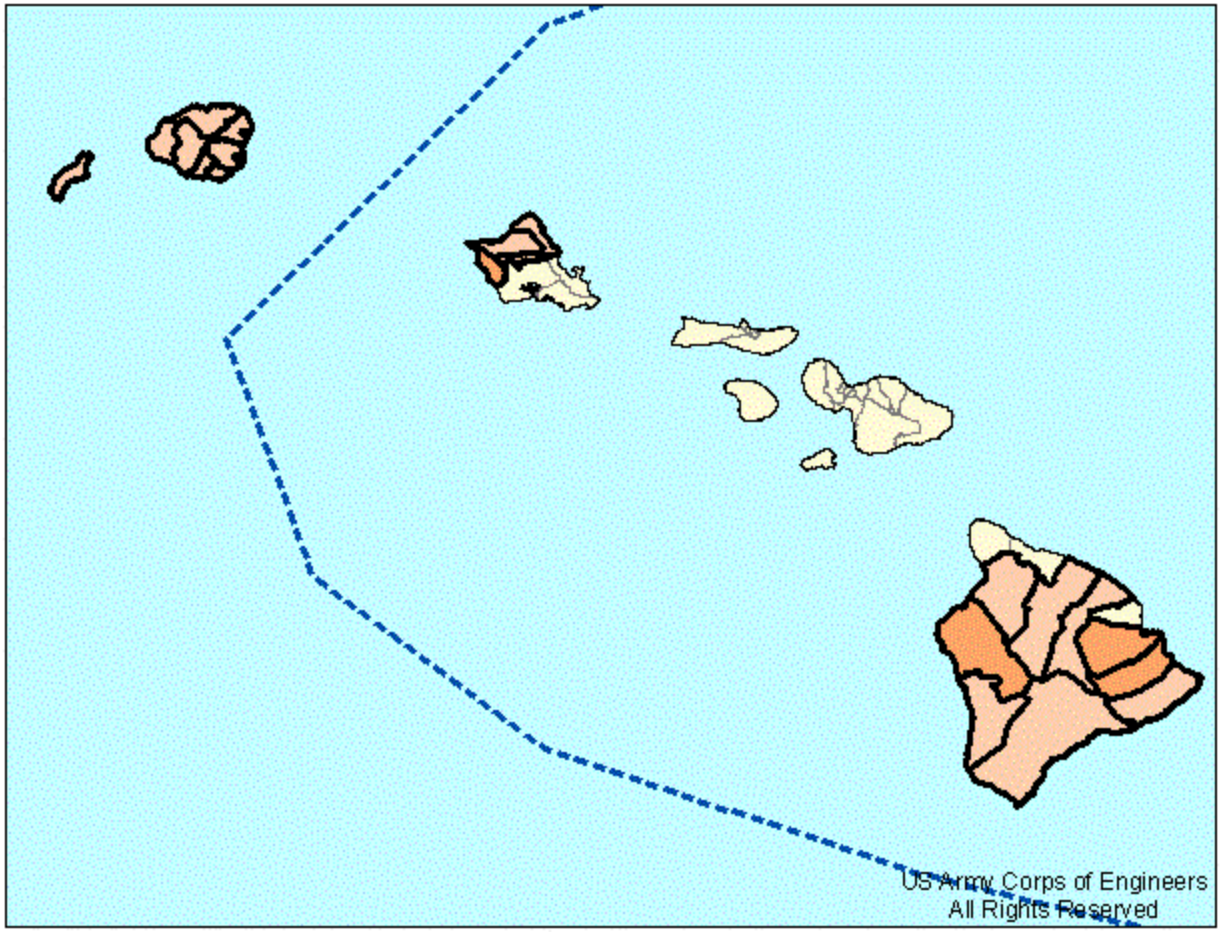
Sources:
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

Hurricane Makani Households Model

Landfall Expected In About **10** Hours

For Planning Purposes Only!



0 100 200 Miles

Post Landfall Households Model Results

HAWAII - 90,000

Model results per Geographic Unit on following page

This model is based on a Category 3 storm making landfall near Hawaii and Kauai.

Forecast Track

Households

- < 7,500 households
- 7,500 - 14,999 households
- 15,000 - 24,999 households
- 25,000 - 49,999 households
- > 50000 households

Information provided on this page displays a Category 3 storm making landfall near Hawaii and Kauai. These projections are based on information from the CPHC (0500 HST 05/21/2008) forecast. The numbers of households included in this model output are those that would be included within estimated hurricane force winds (Census 2000 values adjusted to July 2006 values).

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane Makani Households Model	
Generated By: Siemsen, LRL 0510 HST 05/21/2008	
Sources: HURREVAC LRL-DEBRIS	Page 12 of 21

US Army Corps of Engineers

Hurricane Makani Households Model

Landfall Expected In About **10** Hours

For Planning Purposes Only!

Island	Households per Island	Geographic Unit	Households per Geographic Unit
HAWAII		HAMAKUA - SOUTH	< 1,000
		KAU	3,000
		NORTH HILO	< 1,000
		NORTH KONA	12,000
		PUNA - NORTH	9,000
		PUNA - SOUTH	4,000
		SOUTH HILO - 1	11,000
		SOUTH KOHALA	3,000
		SOUTH KONA	4,000
HAWAII	46,000		
KAUAI		HANALEI	3,000
		KAWAIHAU - EAST	3,000
		KAWAIHAU - WEST	5,000
		KOLOA - EAST	3,000
		KOLOA - WEST	3,000
		LIHUE - EAST	3,000
		LIHUE - WEST	3,000
		WAIMEA - EAST	2,000
		WAIMEA - WEST	2,000
KAUAI	27,000		
NIIHAU		NIHAU	< 1,000
NIIHAU			
OAHU		KOOLAULOA	4,000
		WAHIAWA	< 1,000
		WAIALUA	5,000
		WAIANAE	8,000
OAHU	17,000		

The number of households estimated to be within the hurricane force winds comes from Census 2000 values adjusted to July 2006 values.

Details about this model may be obtained at http://www.englink.usace.army.mil
or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

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Hurricane Makani Households Model

Generated By:
Siemsen, LRL 0510 HST 05/21/2008

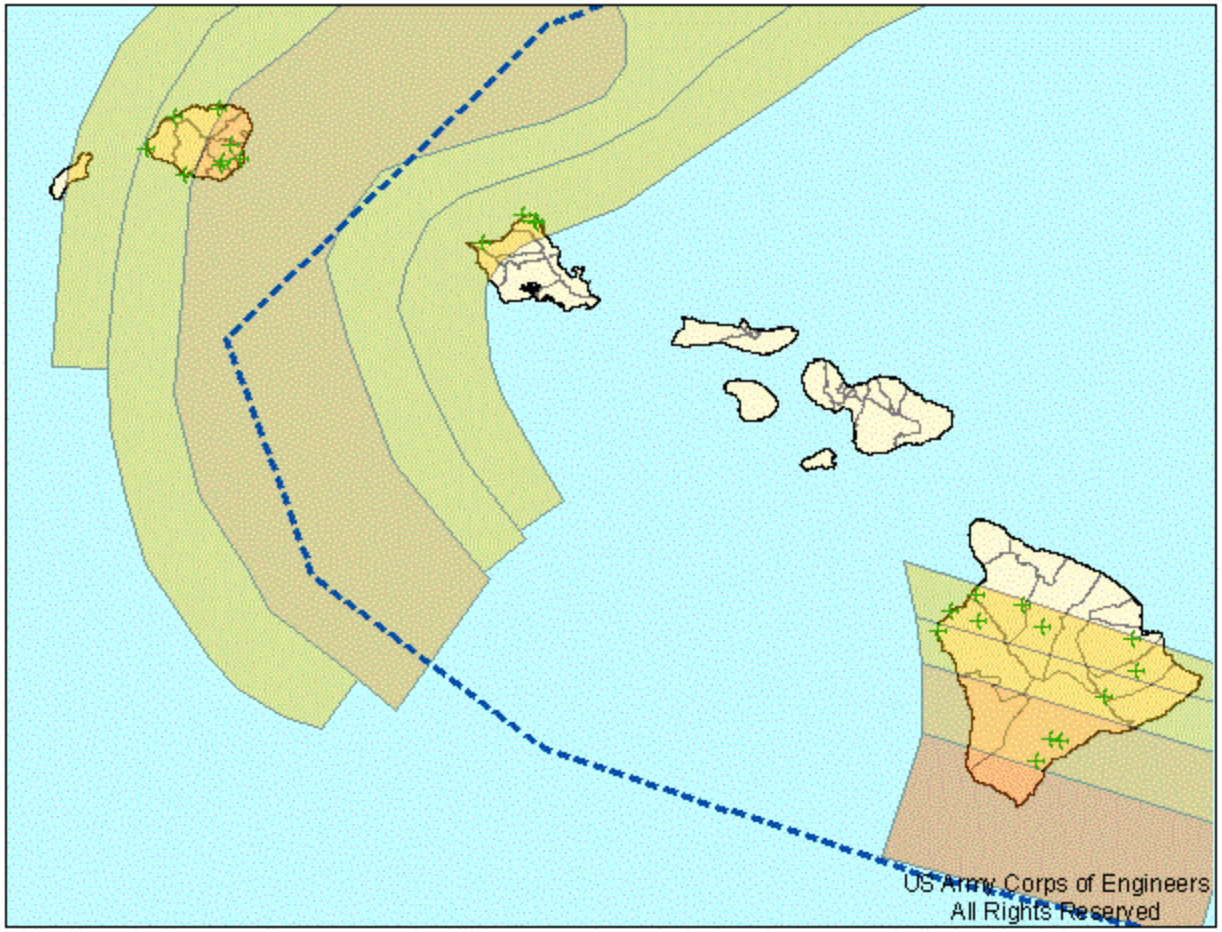
Sources:
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

Hurricane Makani Airports

Landfall Expected In About **10** Hours

For Planning Purposes Only!



0 100 200 Miles

+ Airports

Forecast Track

Most Probable Landfall Airports Inside Hurricane Force Winds

Hawaii - 24

Model results per Geographic Unit on following page

This model is based on a Category 3 storm making landfall near Hawaii and Kauai.

Information provided on this page displays a Category 3 storm making landfall near Hawaii and Kauai. These projections are based on information from the CPHC (0500 HST 05/21/2008) forecast.

The number of airports included in this output are those that would be included within estimated hurricane force winds (data source: Homeland Security Infrastructure Program).

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

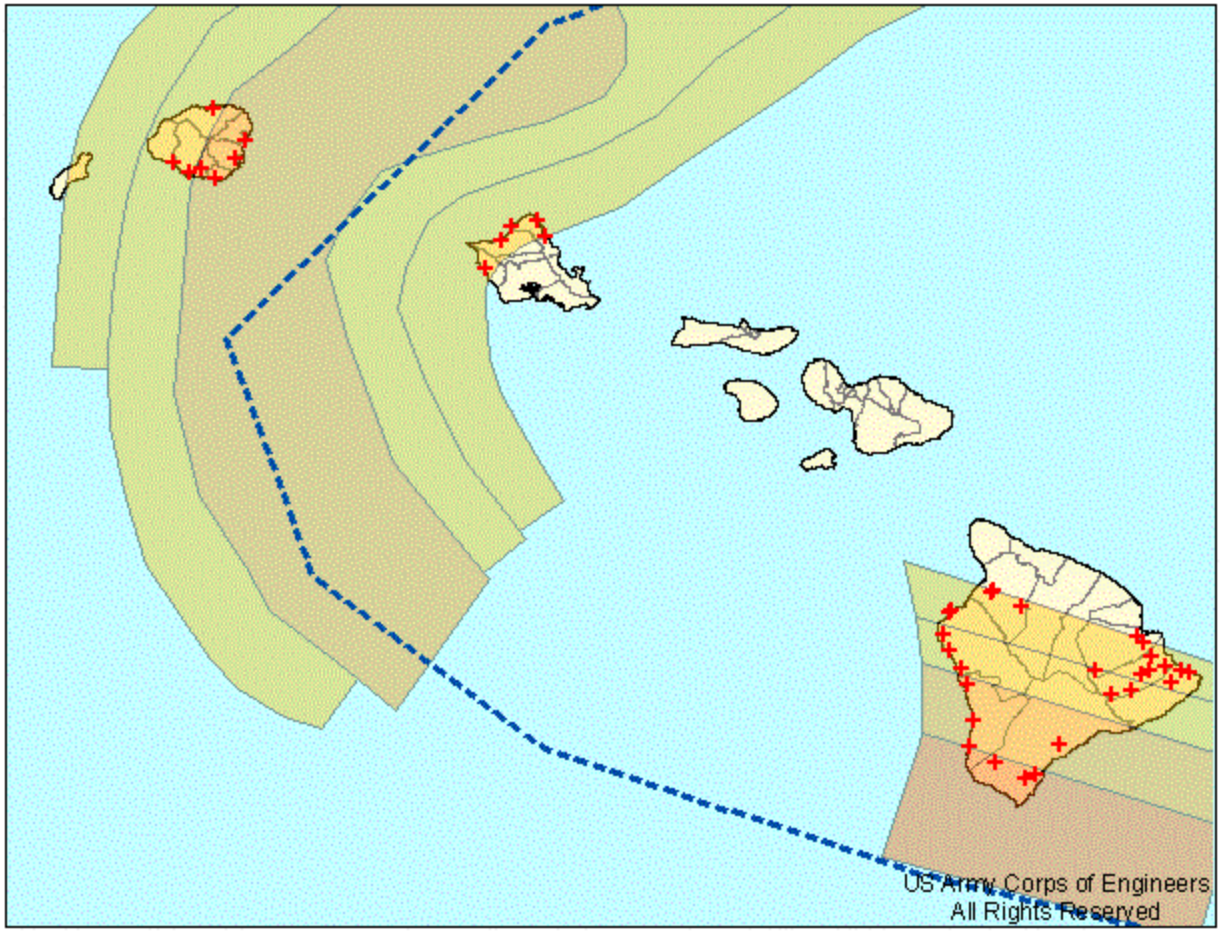
Hurricane Makani Airports	
Generated By: Siemsen, LRL 0510 HST 05/21/2008	
Sources: HURREVAC LRL-DEBRIS	Page 14 of 21

US Army Corps of Engineers

Hurricane Makani Fire Stations

Landfall Expected In About **10** Hours

For Planning Purposes Only!



0 100 200 Miles

+ Fire Stations

Forecast Track

Most Probable Landfall Fire Stations Inside Hurricane Force Winds

Hawaii - 41

Model results per Geographic Unit on following page

This model is based on a Category 3 storm making landfall near Hawaii and Kauai.

Information provided on this page displays a Category 3 storm making landfall near Hawaii and Kauai. These projections are based on information from the CPHC (0500 HST 05/21/2008) forecast.

The number of fire stations included in this output are those that would be included within estimated hurricane force winds (data source: Homeland Security Infrastructure Program).

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

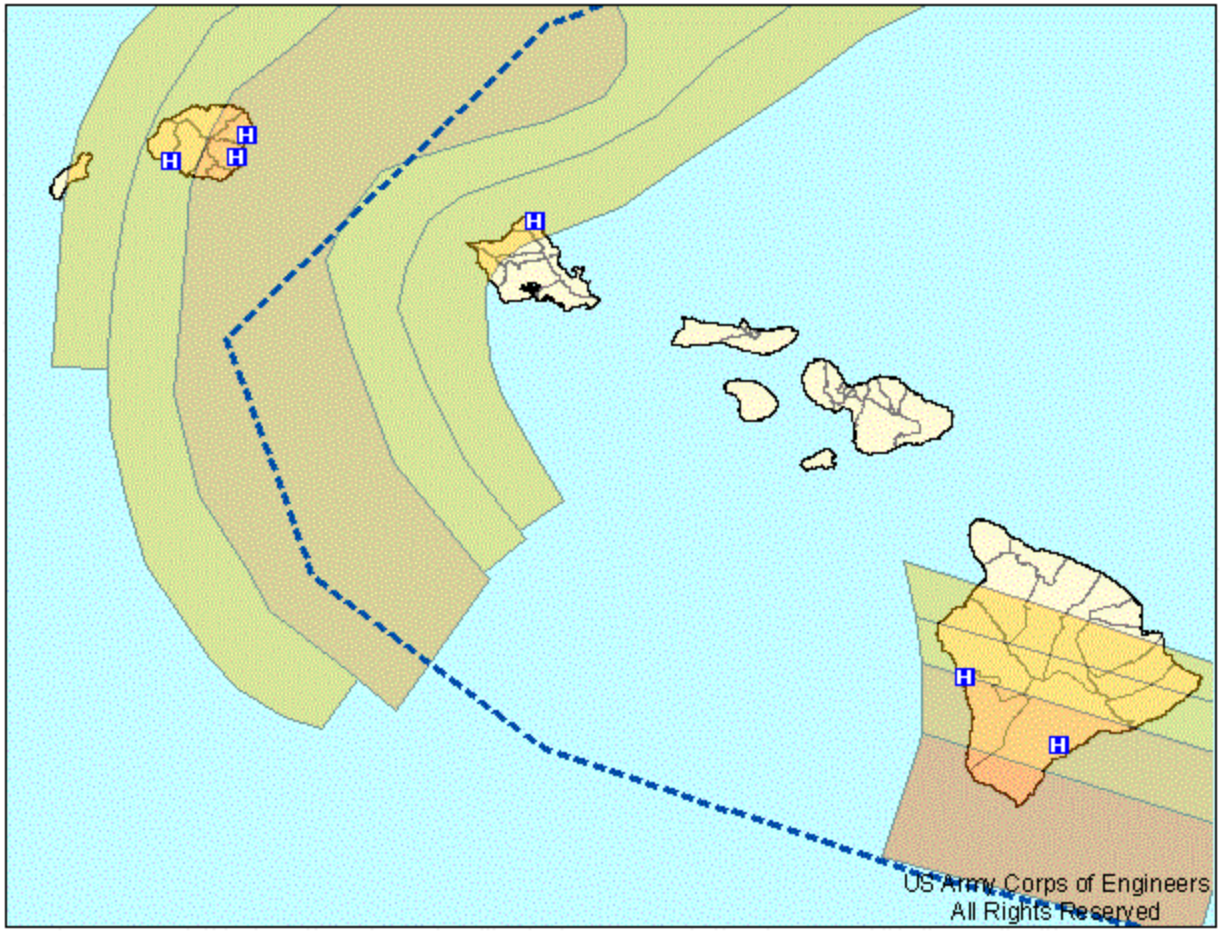
Hurricane Makani Fire Stations	
Generated By: Siemsen, LRL 0510 HST 05/21/2008	
Sources: HURREVAC LRL-DEBRIS	Page 15 of 21

US Army Corps of Engineers

Hurricane Makani Hospitals

Landfall Expected In About **10** Hours

For Planning Purposes Only!



0 100 200 Miles

Most Probable Landfall Hospitals Inside Hurricane Force Winds

Hawaii - 6

Model results per Geographic Unit on following page

This model is based on a Category 3 storm making landfall near Hawaii and Kauai.

H Hospitals

Forecast Track

Information provided on this page displays a Category 3 storm making landfall near Hawaii and Kauai. These projections are based on information from the CPHC (0500 HST 05/21/2008) forecast.

The number of hospitals included in this output are those that would be included within estimated hurricane force winds (data source: Homeland Security Infrastructure Program).

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

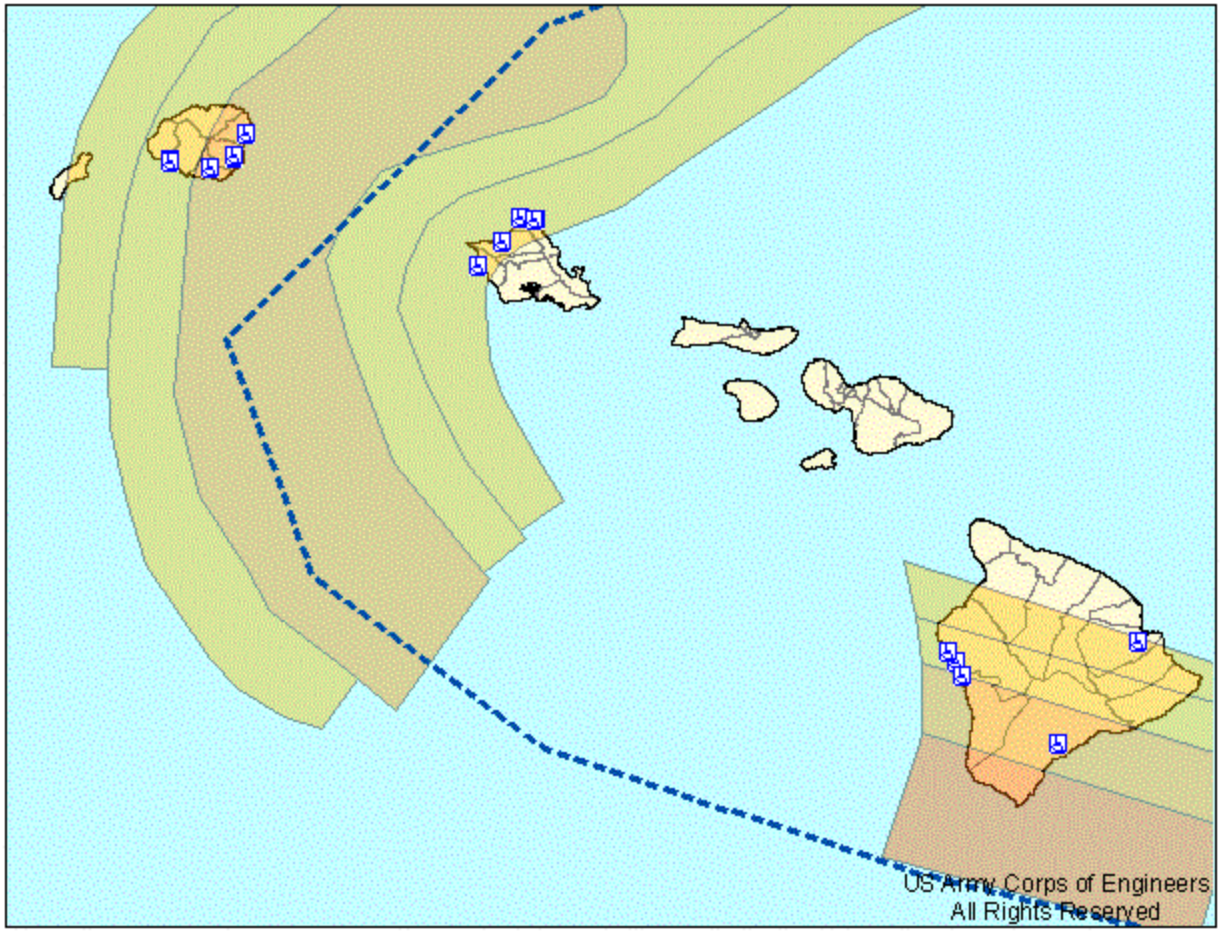
Hurricane Makani Hospitals	
Generated By: Siemsen, LRL 0510 HST 05/21/2008	
Sources: HURREVAC LRL-DEBRIS	Page 16 of 21

US Army Corps of Engineers

Hurricane Makani Nursing Homes

Landfall Expected In About **10** Hours

For Planning Purposes Only!



0 100 200 Miles

Nursing Homes

Forecast Track

Most Probable Landfall Nursing Homes Inside Hurricane Force Winds

Hawaii - 18

Model results per Geographic Unit on following page

This model is based on a Category 3 storm making landfall near Hawaii and Kauai.

Information provided on this page displays a Category 3 storm making landfall near Hawaii and Kauai. These projections are based on information from the CPHC (0500 HST 05/21/2008) forecast.

The number of nursing homes included in this output are those that would be included within estimated hurricane force winds (data source: Homeland Security Infrastructure Program).

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

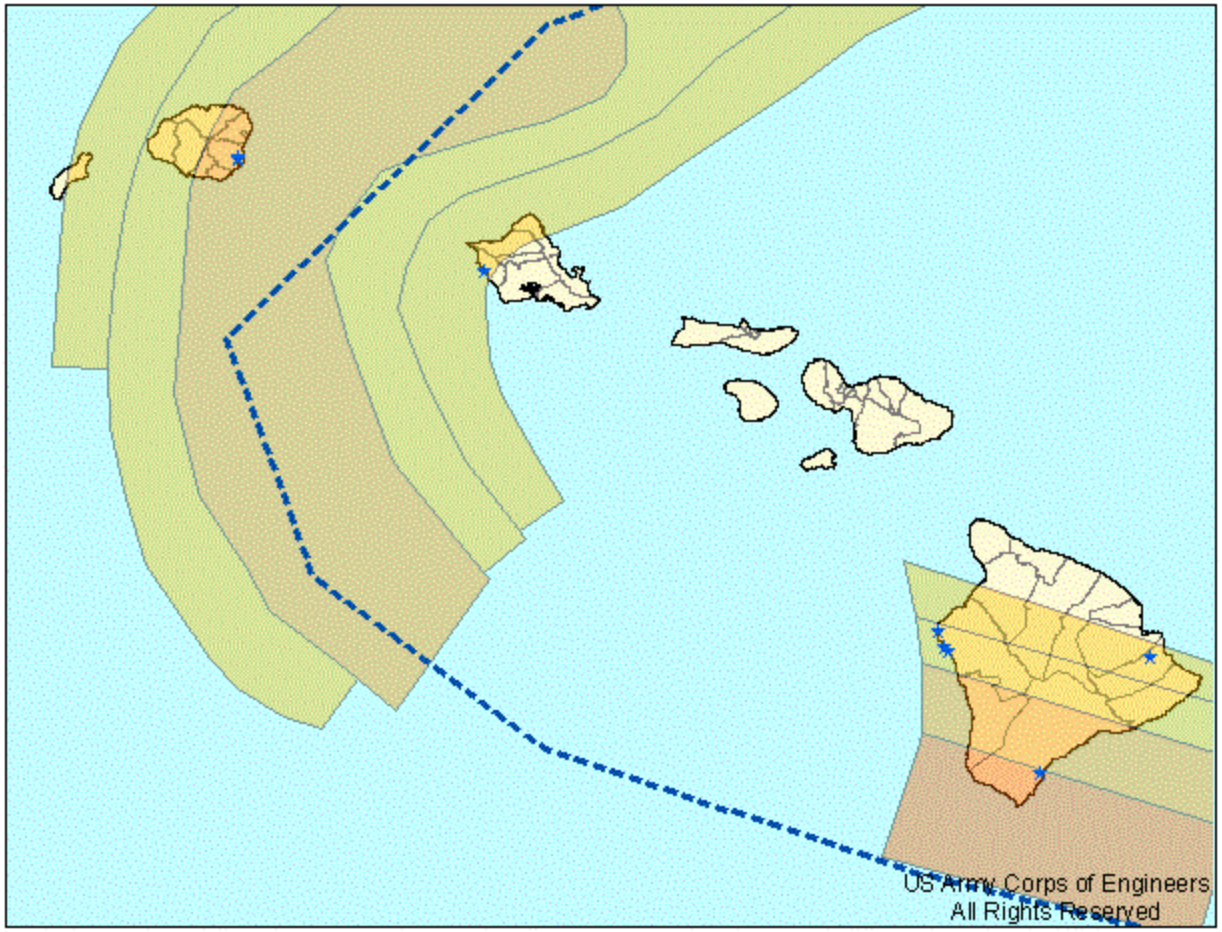
Hurricane Makani Nursing Homes	
Generated By: Siemsen, LRL 0510 HST 05/21/2008	
Sources: HURREVAC LRL-DEBRIS	Page 17 of 21

US Army Corps of Engineers

Hurricane Makani Law Enforcement

Landfall Expected In About **10** Hours

For Planning Purposes Only!



0 100 200 Miles

★ Law Enforcement

Forecast Track

Most Probable Landfall Law Enforcement Inside Hurricane Force Winds

Hawaii - 8

Model results per Geographic Unit on following page

This model is based on a Category 3 storm making landfall near Hawaii and Kauai.

Information provided on this page displays a Category 3 storm making landfall near Hawaii and Kauai. These projections are based on information from the CPHC (0500 HST 05/21/2008) forecast.

The number of law enforcement included in this output are those that would be included within estimated hurricane force winds (data source: Homeland Security Infrastructure Program).

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

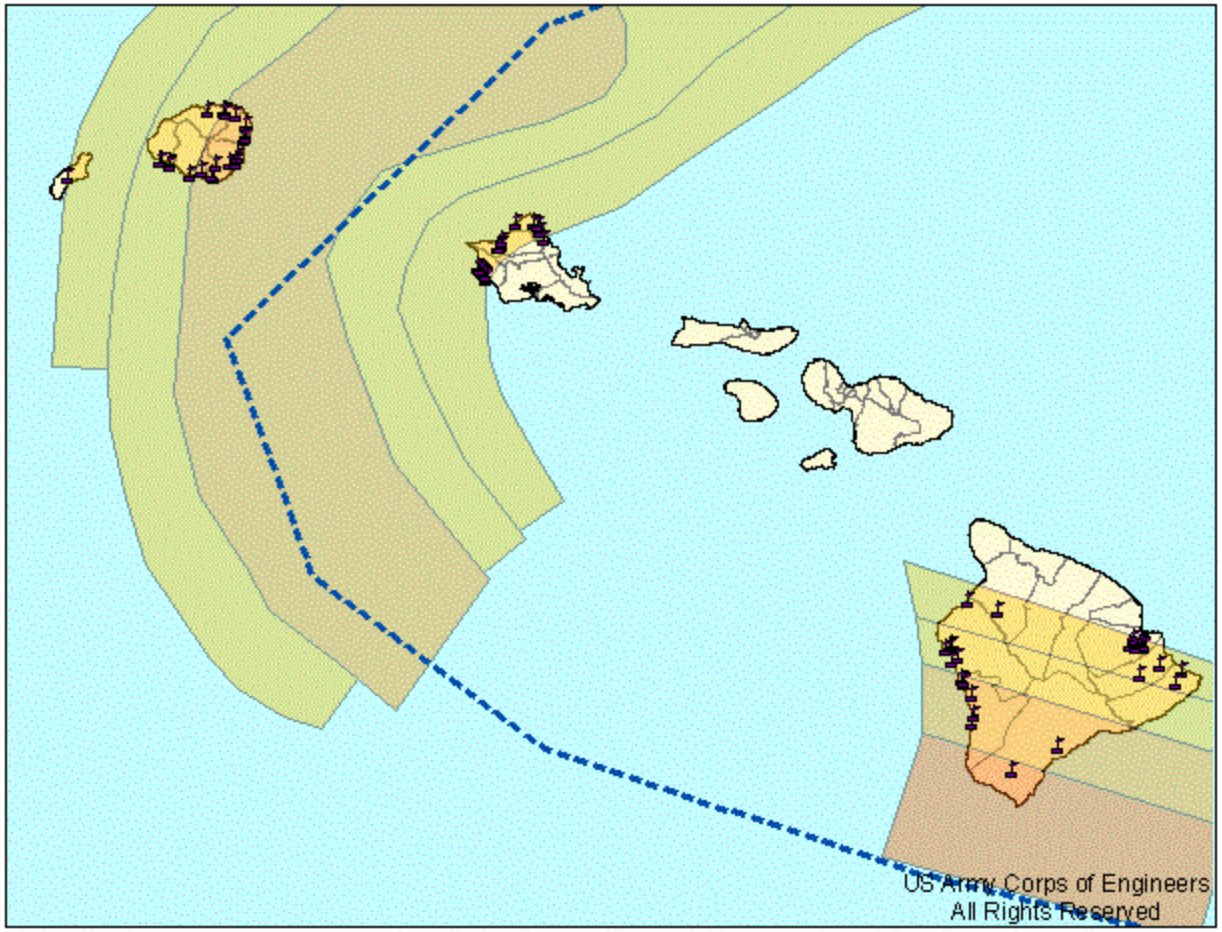
Hurricane Makani Law Enforcement	
Generated By: Siemsen, LRL 0510 HST 05/21/2008	
Sources: HURREVAC LRL-DEBRIS	Page 18 of 21

US Army Corps of Engineers

Hurricane Makani Schools

Landfall Expected In About **10** Hours

For Planning Purposes Only!



0 100 200 Miles

Schools

Forecast Track

Most Probable Landfall Schools Inside Hurricane Force Winds

Hawaii - 82

Model results per Geographic Unit on following page

This model is based on a Category 3 storm making landfall near Hawaii and Kauai.

Information provided on this page displays a Category 3 storm making landfall near Hawaii and Kauai. These projections are based on information from the CPHC (0500 HST 05/21/2008) forecast.

The number of schools included in this output are those that would be included within estimated hurricane force winds (data source: Homeland Security Infrastructure Program).

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

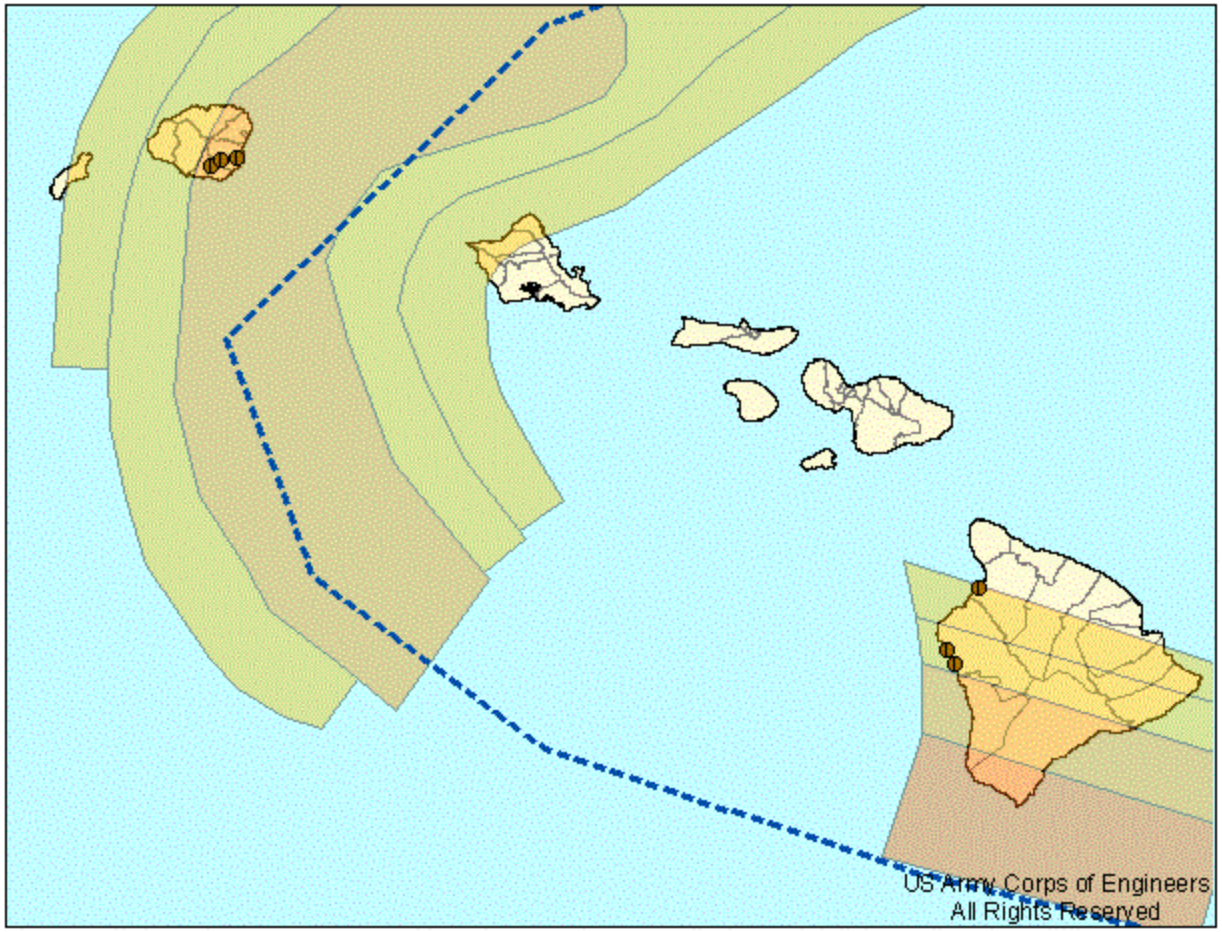
Hurricane Makani Schools	
Generated By: Siemsen, LRL 0510 HST 05/21/2008	
Sources: HURREVAC LRL-DEBRIS	

Hurricane Makani Sewage Treatment Plants

US Army Corps of Engineers

Landfall Expected In About **10** Hours

For Planning Purposes Only!



0 100 200 Miles

Most Probable Landfall Sewage Treatment Plants Inside Hurricane Force Winds

Hawaii - 6

Model results per Geographic Unit on following page

This model is based on a Category 3 storm making landfall near Hawaii and Kauai.

Sewage Treatment Plants

Forecast Track

Information provided on this page displays a Category 3 storm making landfall near Hawaii and Kauai. These projections are based on information from the CPHC (0500 HST 05/21/2008) forecast.

The number of sewage treatment plants included in this output are those that would be included within estimated hurricane force winds (data source: Homeland Security Infrastructure Program).

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

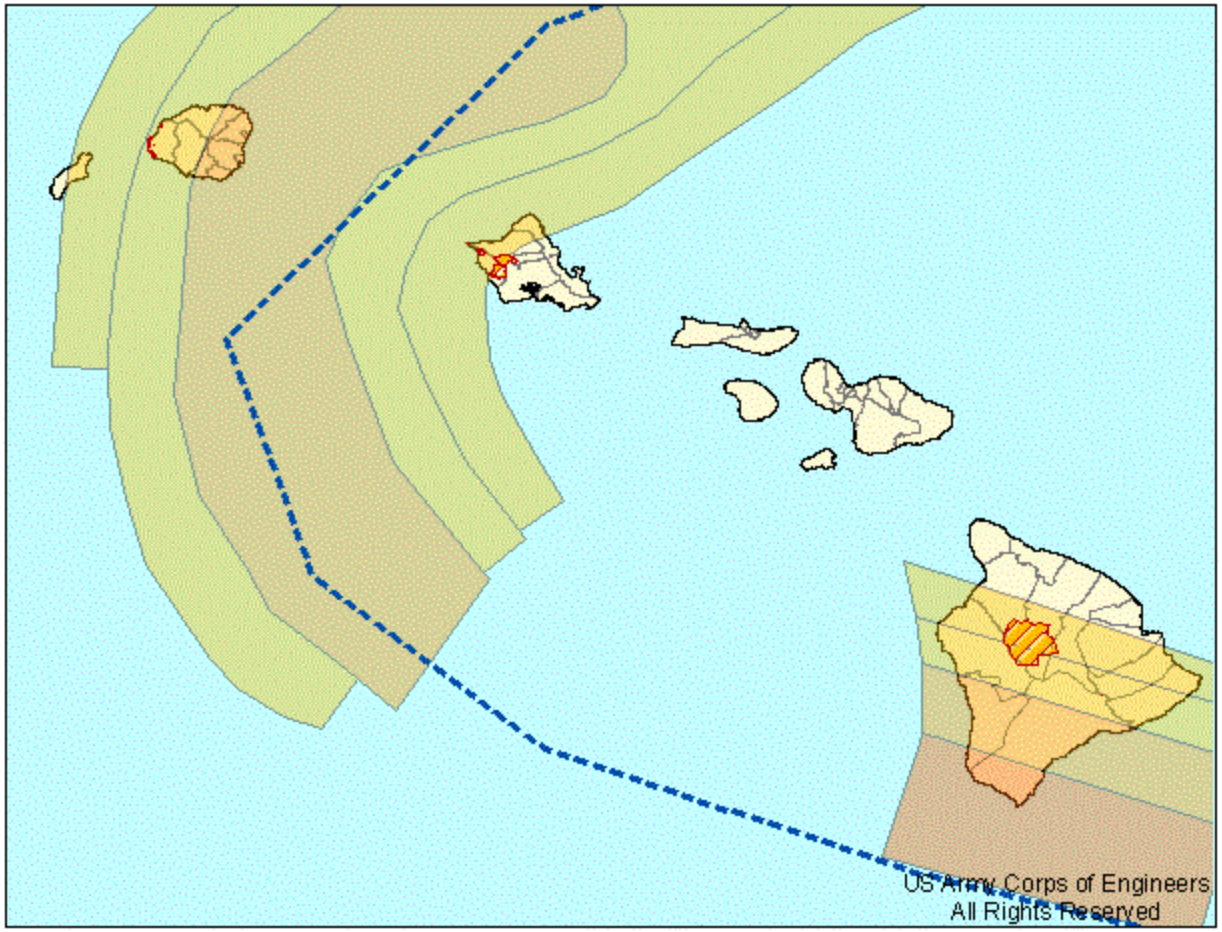
Hurricane Makani Sewage Treatment Plants	
Generated By: Siemsen, LRL 0510 HST 05/21/2008	
Sources: HURREVAC LRL-DEBRIS	Page 20 of 21

US Army Corps of Engineers

Hurricane Makani Military Bases

Landfall Expected In About **10** Hours

For Planning Purposes Only!



0 100 200 Miles

Forecast Track

Military Bases

Most Probable Landfall Military Bases Inside Hurricane Force Winds

Hawaii - 9

Model results per Geographic Unit on following page

This model is based on a Category 3 storm making landfall near Hawaii and Kauai.

Information provided on this page displays a Category 3 storm making landfall near Hawaii and Kauai. These projections are based on information from the CPHC (0500 HST 05/21/2008) forecast.

The number of military bases included in this output are those that would be included within estimated hurricane force winds (data source: Homeland Security Infrastructure Program).

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane Makani Military Bases	
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Sources: HURREVAC LRL-DEBRIS	Page 21 of 21